Similar Triangles - Missing Sides

A) Find the value of x, if each pair of triangles is similar.

1)

10 ft
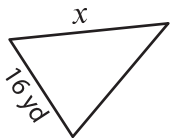5 ft
x
25 ft

$x =$ _____

2)

8 in
12 in
x
6 in

$x =$ _____

3)

x
16 yd
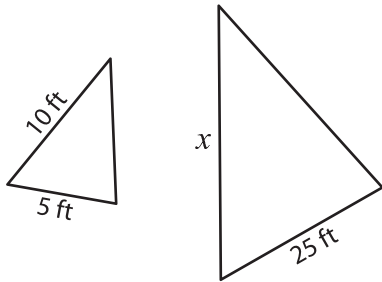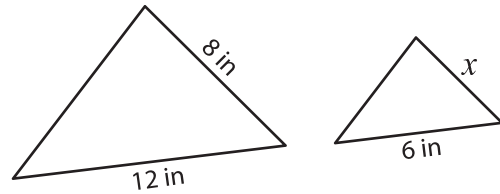
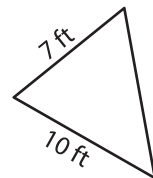$x =$ _____

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7 ft
10 ft

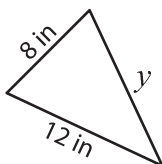Members, please log in to download this worksheet.

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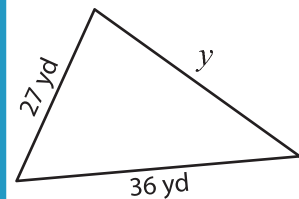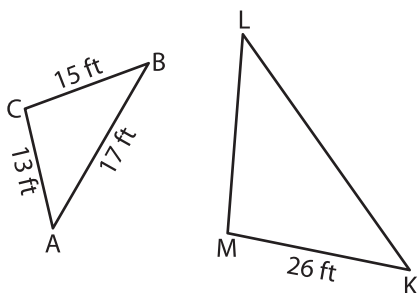**B)** Find the values of

5)

8 in
12 in
y

27 yd
y
36 yd

$x =$ _____ ; $y =$ _____

C) Each pair of triangles is similar. Find the perimeter.

1)

15 ft
B
C
13 ft
17 ft
A
L
M
26 ft
K

Perimeter of ΔKLM = _____

2)

G
21 in
F
E
Y
45 in
40 in
Z
35 in
X

Perimeter of ΔEFG = _____